REVEGETATION PLAN FORMAT, CONTENT AND GUIDELINES

The following shall be used as an outline for preparing the text of a Revegetation Plan.

1. Title Page

   Project Name, Project Number, Signature Block

2. Purpose and Goals of the Revegetation Plan

   Provide a brief description of the reasons why the project is being undertaken and the ultimate goal of the project (1 page maximum).

3. Project Summary – Please remember this is a summary. Try to keep it brief (two pages maximum).

   a. Project Site Location

      (1) Project location (address, APN number, Thomas Brothers coordinates, and the community the project is located in).
      (2) Project location map and a vicinity map.
      (3) Map showing location of revegetation work within the site.

   b. Existing Site Conditions

      (1) Describe the current environmental setting and site conditions.
      (2) Project acres.
      (3) Topography.
      (4) Vegetation Types.
      (5) Wildlife.
      (6) Sensitive species.
      (7) As an appendix to the Revegetation Plan, provide a copy of the biology report for the underlying project.

   c. Project Impacts

      (1) A description of project impacts, both permanent and temporary as applicable (tabular format is acceptable for quantitative impacts).
      (2) Discussion of mitigation needs (mitigation site acreage, habitat types, and proposed enhancements) as applicable.

5201 RUFFIN ROAD, SUITE B, SAN DIEGO, CA 92123-1666 ● (858) 565-5981 ● (888) 267-8770

4. Agency Concerns and Requirements

   a. Include a copy of the discretionary permit conditions and requirements associated with the revegetation project.
   b. If a conceptual revegetation plan is referenced in the environmental document or resolution of approval.
   c. Include as an appendix, a copy of requirements or concerns of other agencies, such as U.S. Fish and Wildlife, State Fish and Game, Army Corps of Engineers, etc.

5. Revegetation Design Concept

   a. Summarize the general design approach (concept) of the revegetation project.

6. Project Responsibility

   a. Describe the responsibilities of the project owner.
   b. Describe the responsibilities and qualification of the project designer, the installation contractor, and the maintenance contractor.

7. Establishment of Reference Site

   a. Establish reference site of adequate size to be used to determine project success criteria. Show location of the reference site on a project site map. The site shall be within 500 feet of the proposed revegetation site (if feasible), and should be of similar slope and aspect as the proposed revegetation site.
   b. Flag the site in the field so that a County representative can review the site at the time of Revegetation Plan submittal.
   c. Provide the results of a biological survey of the reference site to determine percent cover by native species, percent cover by weeks, species diversity, and any other information relevant to establishing success criteria for the proposed project.

8. Revegetation Site Suitability Analysis

   a. Describe why the chosen revegetation site is suitable. What are the factors that make the site suitable?
   b. For riparian projects, is the natural site hydrology adequate for supporting a riparian system (after irrigation is removed)?
   c. Describe the qualities of the soil of the revegetation site. Provide a soil analysis if the site is near or at its final grade. How does the soil quality compare to that of the reference site? Discuss whether there is existing valuable soil biotic matter (mycorrhiza) on the revegetation site or if commercially available soil biotic matter will be required.

9. Project Implementation

a. Describe in general terms, the type of equipment proposed for use to implement the project, i.e., heavy equipment for grading, imprinted, hydroseed truck, etc.
b. Describe the accessibility to the site for such equipment.
c. Describe the measures for protecting adjacent habitat during construction.
d. Describe the permanent and temporary projection measures for the revegetation areas.
e. What is the proposed timing for the project installation? Provide actual anticipated start and completion dates.
f. Provide a list of proposed container plants for the project. Include plant scientific and common names, quantity, and container size. Include any qualitative requirements such as mycorrhiza innoculant.
g. Provide a list for the proposed project seed mixes. Include scientific and common names, pounds per acre, percent germination, percent purity, and percent live seed. Identify any qualitative requirements such as seed scarification or inoculation.
h. Identify the sources for plant material, including the location from which seed and/or cuttings will be collected. Please note that collection of seed stock (for hydroseeding and container stock) or cuttings from the project site is preferable but must be from no more than one mile from the project site.
i. Describe the requirements for soil preparation, amendments, and/or additives such as mycorrhiza. Generally, fertilizer will not be allowed.
j. Describe the proposed planting and seeding methods.
k. Describe the proposed irrigation methods.
l. Describe noise control requirements and methods (if applicable).

10. Project Maintenance

a. Provide a proposed maintenance schedule.
b. Provide a general proposed irrigation schedule.
c. Describe general irrigation maintenance needs.
d. Identify the proposed timing for the removal of the irrigation system.
e. Provide a proposed weeding schedule.
f. Describe a proposed plant replacement program.
g. Describe a proposed pruning program (or restriction on pruning).
h. Describe a proposed trash removal program.
i. Describe a proposed pest control program.
j. Describe a proposed fertilization program (or restrictions on fertilizing).

11. Project Monitoring

a. Provide a proposed monitoring program. Monitoring will be a minimum five years. Additional monitoring may be required if success criteria is not met within the five year period.

b. Describe the proposed content of a monitoring report. Both qualitative and quantitative reports will be required according to the following schedule:

Year 1: quarterly (3 qualitative, 1 quantitative)
Year 2: biannually (1 qualitative, 1 quantitative)
Year 3: biannually (1 qualitative, 1 quantitative)
Year 4: Annual (quantitative)
Year 5: Annual (quantitative)

Quantitative reports shall be completed at the end of the monitoring year and submitted to the County within 30 days of completion.

c. Establish success criteria based on the reference site study. Success criteria shall be established for annual assessment. Success criteria shall be established for such items ass native plant cover, weed cover, species diversity and recruitment, survivorship, and plant density.

d. Describe a program for remedial actions if identifiable problems arise or success goals are not met.

12. Project Cost Estimate

a. Provide a complete itemized cost estimate for the installation, maintenance, and monitoring of the project. Include a 3 percent (compounding) annual inflation factor per year for the project costs to be applied to the total project cost.

13. Drawing Requirements – See the Applicant's Guide for Revegetation Plans for specific requirements.

a. Planting Plan (one 24" x 36" sheets). Plans shall show planting locations of container stock and seeded areas. Plans shall identify seed mixes and container plants. Container plants shall be identified by scientific and common name, container size, and quantity.

b. Irrigation Plan (one 24" x 36" sheets). Plans shall show the point of connection, available pressure, controller location, valves, piping, and head locations (use appropriate materials if using a drip system).

c. Provide all necessary details and specifications concerning planting and irrigation systems.